What is claimed is:

1. A truck mounted rotating broom system comprising:

a rotating broom mounting and control assembly;

a support structure mounted to the truck; and

a non-rigid connection therebetween.

2. The truck mounted rotating broom system as defined in claim 1 wherein said support structure includes:

a substantially stationary gooseneck assembly; and

a swinging trunnion assembly rotatably connected to said substantially stationary gooseneck assembly.

3. The truck mounted rotating broom system as defined in claim 1 wherein said non-rigid connection includes a floating beam and a four bar connection between said swinging trunnion assembly and said floating beam.

4. A truck mounted rotating broom system comprising:

a support structure including:

a substantially stationary gooseneck assembly constructed and arranged to mount to the front of the truck; and

a swinging trunnion assembly constructed and arranged for rotatable connection to said substantially stationary gooseneck assembly;

means for controlling the position of said swinging trunnion assembly with respect to said gooseneck assembly;

a non-rigid connection including a floating beam assembly; and

a broom positioning, supporting, and rotating assembly connected to said floating beam assembly.

5. The system as defined in claim 1 wherein said non-rigid connection includes a multiple link attachment mechanism.

6. The mounting assembly as defined in claim 1 wherein said rotating mounting and control assembly includes:

a substantially horizontal beam including a left portion, a right portion, and a central portion;

a first caster assembly constructed and arranged for mounting to said left portion of said substantially horizontal beam;

a second caster assembly constructed and arranged for mounting to said right portion of said substantially horizontal beam;

a first pivot arm assembly connected to the left end of said substantially horizontal beam;

a second pivot arm assembly connected to the right end of said substantially horizontal beam;

means for mounting said non-rigid connection to said substantially horizontal beam; and

means for providing rotational power to the rotating broom.

7. A system for removing snow from a paved surface, comprising:

a truck;

a rotating broom system mounted to the front of said truck;

said rotating broom system including:

a positioning, supporting, and rotating assembly for a rotating broom;

a support structure mounted to said truck; and

a non-rigid connection between said positioning, supporting, and rotating assembly and said support structure.